



AIR PURIFIERS;
PURE AIR, BECAUSE WE CARE





AIR PURIFIER

We offer a wide range of air purifiers with and without humidifiers, in all sorts of different sizes and applications. Whether you need a small air purifier for a single room or a larger one to cover a larger surface area, we have the perfect solution for you. Our air purifiers are designed to remove airborne particles like dust, smoke, pollen, pet dander and other allergens, as well as odors and VOCs (volatile organic compounds), leaving your air cleaner and fresher.




MC80Z



-  Air flow up to **480 m³/h**
-  Air purification up to **124 m²**
-  **Intelligent** air purification
-  Absorbs odour via **deodorising filter**
-  High Performing Electrostatic **HEPA filter**

MC55W



-  Air flow up to **330 m³/h**
-  Air purification up to **82 m²**
-  Absorbs odour via **deodorising filter**
-  High Performing Electrostatic **HEPA filter**

MC30Y



-  Air flow up to **180 m³/h**
-  Air purification up to **46 m²**
-  Absorbs odour via **deodorising filter**
-  High Performing Electrostatic **HEPA filter**



AIR PURIFIER WITH HUMIDIFIER

These air purifiers come with humidification function to increase the moisture in the air. This allows owners to prevent dry air in winter and it helps people who easily suffer from a sore throat. Our air purifiers are designed to remove airborne particles like dust, smoke, pollen, pet dander and other allergens, as well as odors and VOCs (volatile organic compounds), leaving your air cleaner and fresher.

MCK70Z



- Air flow up to **420 m³/h**
- Air purification up to **96 m²**
- 650 ml/h** humidifying capacity
- Intelligent** air purification
- Absorbs odour via **deodorising filter**
- High Performing Electrostatic **HEPA filter**

MCK55W



- Air flow up to **330 m³/h**
- Air purification up to **82 m²**
- 500 ml/h** humidifying capacity
- Absorbs odour via **deodorising filter**
- High Performing Electrostatic **HEPA filter**

MCK70Y



- Air flow up to **420 m³/h**
- Air purification up to **96 m²**
- 650 ml/h** humidifying capacity
- Absorbs odour via **deodorising filter**
- High Performing Electrostatic **HEPA filter**

OUR DESIGN

Our air purifiers are designed with the user in mind, providing a simple and efficient way to clean your air. Every unit features clear indication lights that show you the current PM2.5 indication and there is also an easy-to-use control panel with all the settings you need. Our air purifiers are also designed to be quiet, with low noise levels and minimal disruption. With our air purifiers, you can breathe easy knowing you'll get the cleanest air possible.



There when you need it

Our air purifiers are designed to keep your air clean and comfortable all year round. They use advanced sensors to scan for dust, pollen, smoke, and other pollutants in the air, and turn on when necessary to ensure a comfortable air quality.

Minimalistic design

Our air purifiers are designed with minimalistic style in mind, so they won't detract from the aesthetics of your home. The sleek, modern design is sure to complement any décor, while the lightweight construction makes them easy to move around. There is also an easy-to-use control panel with all the settings you need. With our air purifiers, you can enjoy the benefits of clean, fresh air without compromising on style.



Daikin Streamer Technology

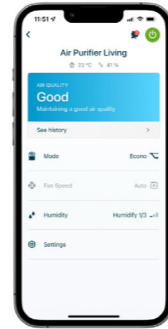
Our Daikin Air Purifiers are all equipped with our patented Daikin Streamer technology to decompose, by oxidation, harmful substances caught on the filter and ensuring it's market leading filter lifetime of ten years



ONECTA APP TAKE CONTROL OF YOUR INDOOR AIR QUALITY

The Onecta App is for those who live their life on the go and who want to manage their Daikin system from their smartphone.

Our new units, MCK70Z and MC80Z, have been launched with Wi-Fi integration. This means that you now have control over the quality of air in your home – you can monitor, control, and schedule the air purification process because your Daikin Air Purifier Unit will be integrated with the Daikin Onecta App.



Control

Customise the system to fit your lifestyle and year-round comfort levels.

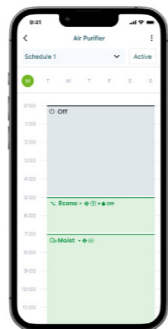
- Adapt settings such as operation mode, fan speed, functions,...
- Take control of your indoor air quality by taking control of your Air purifier



Monitor

Receive a thorough overview of how the system is performing and how much energy it consumes.

- Check the status of the Air Purifying system
- Access the PM2.5 graphs to evaluate your indoor air quality



Schedule

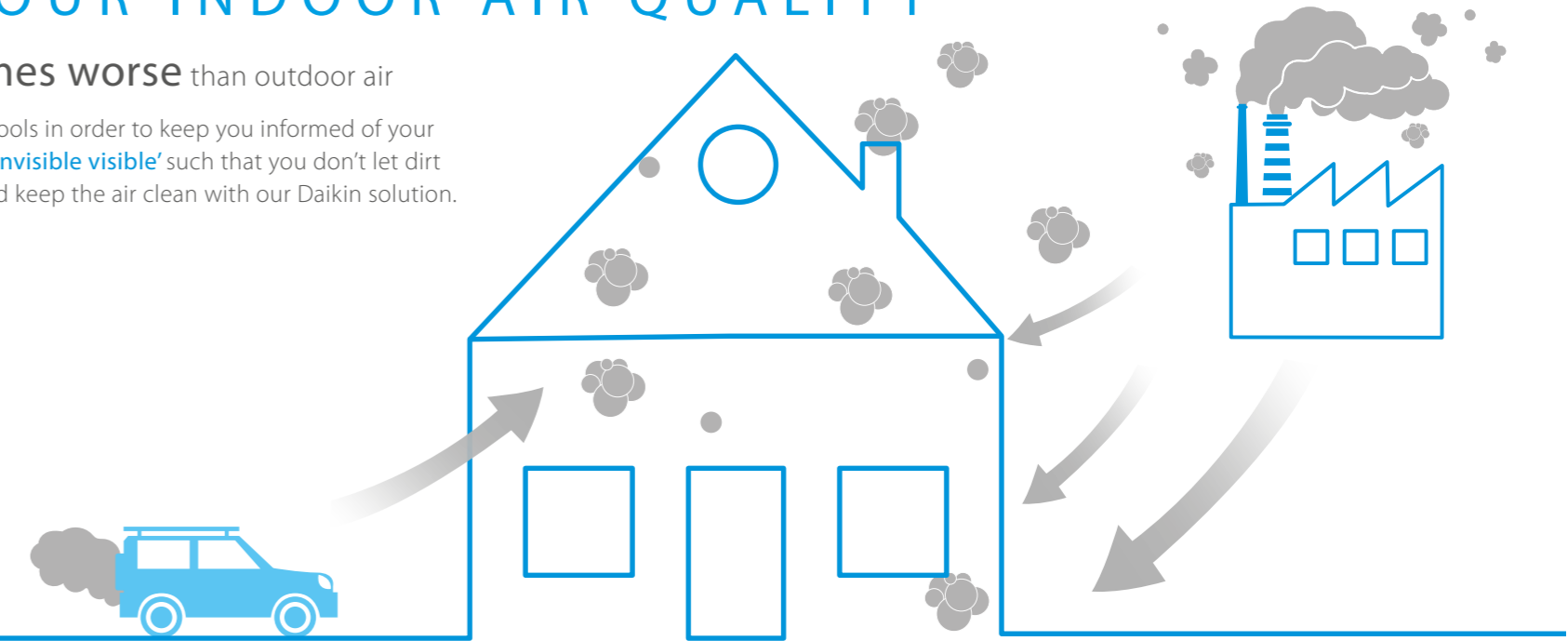
Set up a programme outlining when the system should operate, and create up to six actions per day.

- Schedule operation mode depending on your personal needs
- Enable holiday mode to save costs

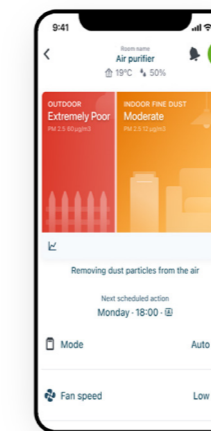
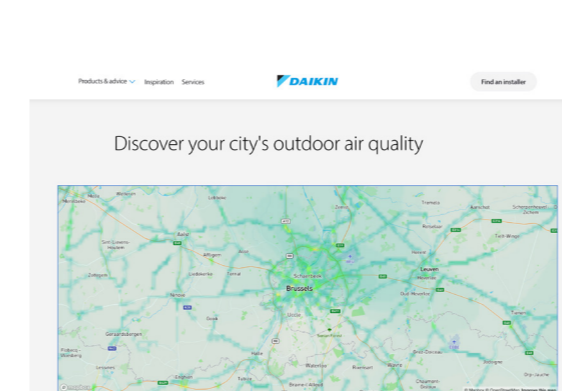
DON'T LET BAD OUTDOOR AIR QUALITY AFFECT YOUR INDOOR AIR QUALITY

Indoor air can be **2-5 times worse** than outdoor air

At Daikin, we have updated our tools in order to keep you informed of your outdoor air quality to **'make the invisible visible'** such that you don't let dirt accumulate inside your home and keep the air clean with our Daikin solution.



Making the indoor-outdoor connection actionable



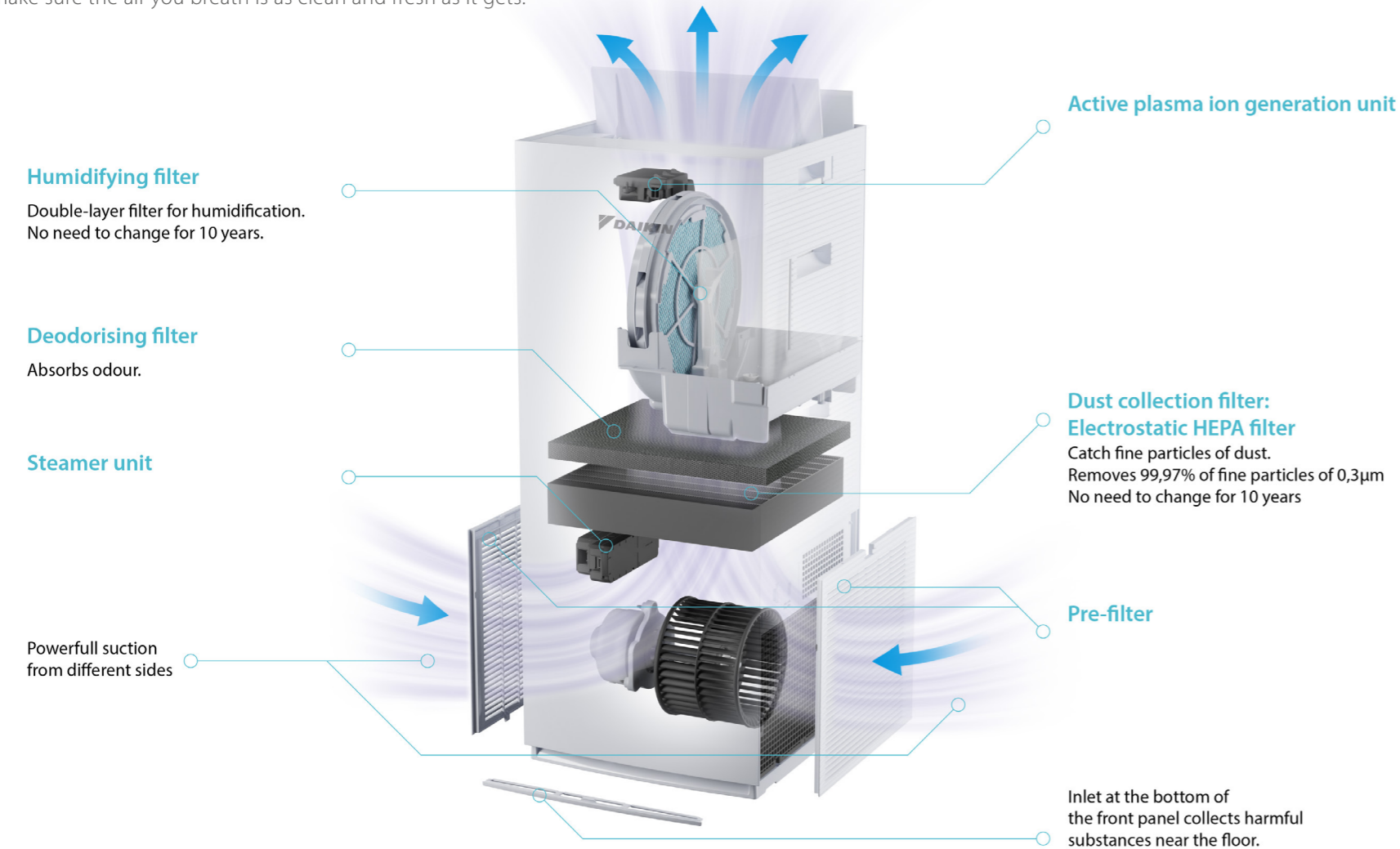
As ambassadors of Indoor Air Quality, Daikin provides reliable outdoor air information relevant to the environment of the user, so that the user can take action to minimize exposure to harmful air outdoors while they are inside. Currently we have two API integrations: Air quality & Pollen.

1. Our Daikin B2C website currently has PM2.5 map.
2. Our Onecta App currently gives all information related to Outdoor Air quality. Consumers can monitor information directly on their app.

Please stay tuned on our online websites for all on going updates.

WHAT DOES AN AIR PURIFIER ACTUALLY DO?

You have seen the outside of our air purifiers but what is going on in the inside? As you can see here, a lot! Our air purifier contain top notch Japanese technology and filters to make sure the air you breath is as clean and fresh as it gets.



Powerful suction

Our unique tower structure takes in air over a wide area from 3 directions.

Effective capturing of pollutants

Efficiently catches dust and pollutants with an electrostatic HEPA filter.

The dust collection filter catches the floating substances with the attached harmful gases and streamer technology decomposes the gases by oxidation.

The deodorising filter absorbs and decomposes odour.

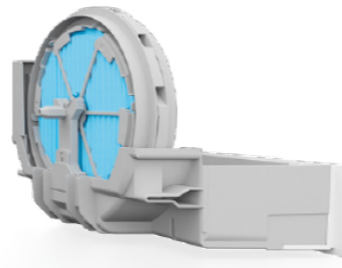
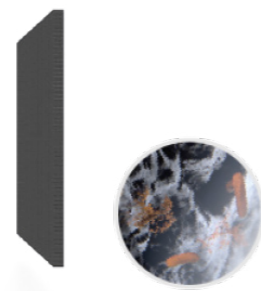
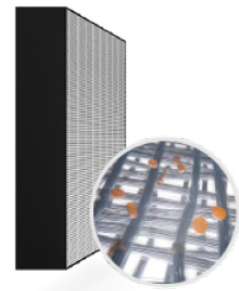
Decomposition

Uses Daikin's Streamer technology to decompose, by oxidation, harmful substances caught on the filter.

And thus releasing the clean air from the top of the device.

WHAT SETS OUR AIR PURIFIERS APART?

Our air purifiers feature a complete filtration system, with four stages of filtration to ensure your air is as clean as possible. The first stage is a pre-filter that helps to capture and remove large particles such as dust, pet hair, and lint. The second stage is an electrostatic HEPA filter that captures and removes small particles such as allergens, dust mites, and smoke. The third stage is a deodorizing filter that helps to reduce odours in the air. And finally, the fourth stage is a humidifying filter that helps to add moisture to the air. With our air purifiers, you can enjoy the benefits of clean, fresh air with minimal maintenance.



1. Pre filter

Our air purifiers feature an advanced pre-filter that helps to capture and remove large particles such as dust, pet hair, and lint. This pre-filter helps to reduce the amount of pollutants that reach the main filter, which helps to extend the life of the air purifier and improve performance.

2. Filtre HEPA Daikin

High Performance Electrostatic HEPA Filter
HEPA filtration is a high-efficiency particulate air filter system that is designed to catch fine particles of dust. Research shows they remove 99% of particles between 0.1µm and 2.5µm in size.

- STEP 1** The filter collects dust efficiently with **electrostatic forces**. It is **not prone to clogging** compared with non-electrostatic HEPA filters which collect particles only by the fineness of the mesh.
- STEP 2** Therefore, a larger amount of air can pass through the filter.

RESULT THE FILTER CAN PURIFY A LARGER AMOUNT OF AIR!

3. Deodorizing filter

Our air purifiers feature a powerful deodorizing filter that helps to reduce odours in the air. This filter is designed to capture and neutralize odours from cooking, smoking, pets, and other sources.

4. Humidifying filter

Our air purifiers feature a built-in humidifying filter that helps to add moisture to the air. This filter helps to keep the air from becoming too dry, which can cause problems such as static electricity and respiratory issues.

Not all units have a humidifying filter. Please refer to the portfolio overview page to check which ones come with a humidifying filter.



WHAT DOES A FILTER LIFETIME OF 10 YEARS MEAN?

Daikin Air Purifiers distinguish themselves with filters that lasts much longer than the market standard, ensures you of 10 year without renewing the filter. This saves you costs and ensures you peace of mind for a 10 year period.

OUR TESTED EFFICIENCY**

** for a complete overview on which units have been tested, please refer to page 16.
Please also refer to our online website for up to date information.



Efficient against allergens as recognized by BAF (British Allergy Foundation)

The Allergy UK Seal of Approval reassures that the product is efficient at reducing small particulates which may include allergens, bacteria and viruses.

Approved allergy-friendly quality of this product/service is certified by the European Centre for Allergy Research Foundation

An independent advisory panel of 15 leading international scientists and technicians has developed the criteria ECARF used to evaluate different product groups. They include threshold values and exclusion criteria that make an allergic reaction very unlikely. The criteria are regularly updated to reflect the latest scientific findings.

A product receives the Seal when it can be proved through audits or studies that the criteria have been fulfilled. The Daikin Air Purifiers passed these tests and can be considered as allergy-friendly. Not applicable on Air Purifiers with Humidifying function.

Proven effectiveness against respiratory viruses (among others human coronavirus HCoV-229E) evaluated by Institut Pasteur de Lille*

The units have also been evaluated as 99.93% effective against the H1N1 virus in 2.5 minutes*. H1N1 is the virus causing common flu. This means Daikin's air purifiers are an additional measure in the fight against respiratory diseases. Our compact plug-and-play purifiers, whose effectiveness is achieved through a combination of the high performance electrostatic HEPA filter, which traps the virus, followed by an intense exposure to Daikin's patented Flash Streamer technology, which removes the virus, can strongly contribute to reducing the risk of respiratory virus transmission.



99.98%

of coronavirus removed in 2.5 minutes

According to tests performed in the laboratories of the Institut Pasteur de Lille, Daikin's air purifiers remove more than 99.98% the human coronavirus HCoV-229E in 2.5 minutes*. This virus is of the same family as SARS-CoV-2, the coronavirus behind the COVID-19 pandemic.



https://www.daikin.eu/en_us/press-releases/institut-pasteur-de-lille-validate-effectiveness-of-daikin-air-purifiers-against-human-coronavirus.html



OUR PARTNERSHIP WITH INSTITUT PASTEUR DE LILLE

What is Institut Pasteur de Lille?

› The Institut Pasteur de Lille is a research foundation, which was founded in 1894. Created to respond to the epidemics of the 19th century, the Institut Pasteur de Lille has been fighting diseases for more than 120 years through research on pathogens, the development of vaccines and drugs and the promotion of preventive measures and good hygiene practices. The Institut Pasteur de Lille is a member of the international network of institutes Pasteur. Present in 25 countries on all continents, the Network brings together 32 institutions united by common missions and values for the benefit of populations. The mission is to put science at the service of health. Today, the Pasteur Institute of Lille has 33 research teams, more than 800 persons, working every day to understand and fight against diseases, to slow down their development and to imagine the treatments of tomorrow.

What does this mean for our Air Purifiers?

› As a specialist in air quality management, Daikin sees it as its mission to provide innovative solutions and has been selling air purifiers for over 45 years. Its air purifiers and patented air purifying technology, which is applied in other Daikin equipment, have long since proven their effectiveness against air pollution, as well as seasonal pollen and viruses. To reinforce the claim of the effectiveness of its technology, Daikin Europe N.V. entrusted the Institut Pasteur de Lille with the testing of its range of air purifiers. It has now been formally proven that the Daikin models remove more than 99.98% of the human coronavirus HCoV-229E in 2.5 minutes. This is an important achievement.

*Daikin device MCK55W (commercial name MCK55W), tested by Institut Pasteur de Lille, removes 99.996 % of Human Coronavirus HCoV-229E in 2.5 minutes running time at 'turbo' speed in laboratory conditions (air-tight chamber with inner volume 0.47 m³, no air renewal). Human Coronavirus HCoV-229E is different from the virus responsible for COVID-19, SARS-CoV-2, but belongs to the same family of coronaviruses. | Daikin device MCS5W (commercial names MCS5W/V/B), tested by Institut Pasteur de Lille, removes 99.98 % of Human Coronavirus HCoV-229E in 2.5 minutes running time at 'turbo' speed in laboratory conditions (air-tight chamber with inner volume 1.4 m³, no air renewal). Human Coronavirus HCoV-229E is different from the virus responsible for COVID-19, SARS-CoV-2, but belongs to the same family of coronaviruses. | Daikin device MCK55W (commercial name MCK55W), tested by Institut Pasteur de Lille, removes 99.986 % of Influenza A virus subtype H1N1 in 2.5 minutes running time at 'turbo' speed in laboratory conditions (air-tight chamber with inner volume 0.47 m³, no air renewal). | Daikin device MCS5W (commercial names MCS5W/V/B), tested by Institut Pasteur de Lille, removes 99.93 % of Influenza A virus subtype H1N1 in 2.5 minutes running time at 'turbo' speed in laboratory conditions (air-tight chamber with inner volume 0.47 m³, no air renewal). | Daikin device MCK70Y (commercial names MCK70Y/Y/B), tested by Institut Pasteur de Lille, removes 99.98 % of Human Coronavirus HCoV-229E in 1.5 minutes running time at 'turbo' speed in laboratory conditions (air-tight chamber with inner volume 1.3 m³, no air renewal). Human Coronavirus HCoV-229E is different from the virus responsible for COVID-19, SARS-CoV-2, but belongs to the same family of coronaviruses. | Daikin device MCK70Y (commercial names MCK70Y/Y/B), tested by Institut Pasteur de Lille, removes 99.65 % of Influenza A virus subtype H1N1 in 1.5 minutes running time at 'turbo' speed in laboratory conditions (air-tight chamber with inner volume 1.3 m³, no air renewal).

AIR PURIFICATION



Air purification up to **124 m²**



Air purification up to **82 m²**



Air purification up to **46 m²**

AIR PURIFICATION + HUMIDIFICATION



Air purification up to **96 m²**



Air purification up to **82 m²**



Air purification up to **96 m²**

Functions/Model Name	MC80Z	MC55W	MC30Y	MCK70Z	MCK55W	MCK70Y
Dimensions	63x31,5x31,5	50x27x27	45x27x27	76x31,5x31,5	70x27x27	60x39,5x28,7
Applicable room area up to	124 m ²	82 m ²	46 m ²	96 m ²	82 m ²	96 m ²
Weight	9,8 kg	6,8 kg	5,8 kg	12,5 kg	9,5 kg	12,5 kg
Color	White front panel, dark grey casing	White	White	White version Dark grey version	White	White
Air Flow Rate	480 m ³ /h	330 m ³ /h	180 m ³ /h	420 m ³ /h	330 m ³ /h	420 m ³ /h
Functions						
Humidification				✓	✓	✓
Electrostatic HEPA Filter	✓	✓	✓	✓	✓	✓
Deodorizing filter	✓	✓	✓	✓	✓	✓
Auto mode	✓	✓		✓	✓	✓

View page 15 for detailed claims on Institut Pasteur de Lille tests.

Effective in removing pollutants and allergens



mold spores



dust



fine particles



ultrafine particles



volatile organic compounds (VOC)



pollen



bacteria



odours



virus



hair

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